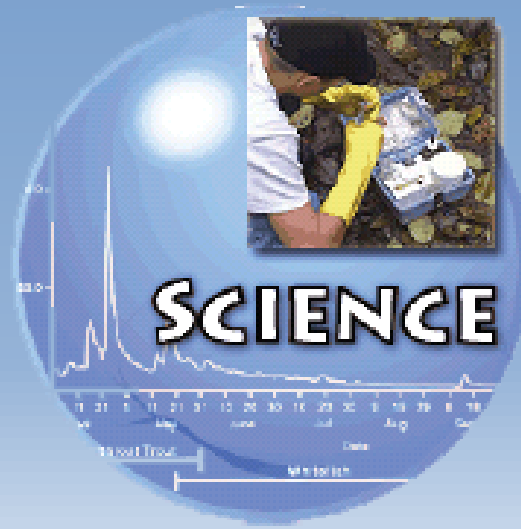


Fisheries Collapses

Technology and Food Demands



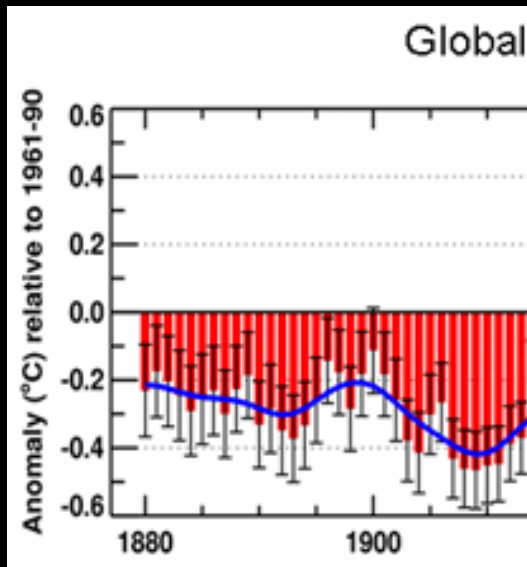
Escapement Rate and Harvests

- The biggest threat to recovery is open ocean harvest.
- Nearly 70% of salmon harvested are in Canadian waters.
- 10% are harvested in Alaskan waters, while only 8.5% are harvested commercially in Washington.

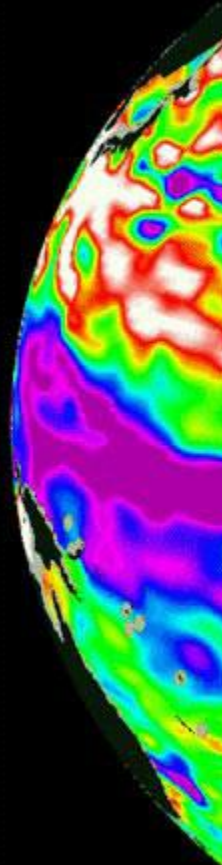


Other Threats in the Ocean

- Global Warming
- El Nino Events
- Pollution



10 NOV

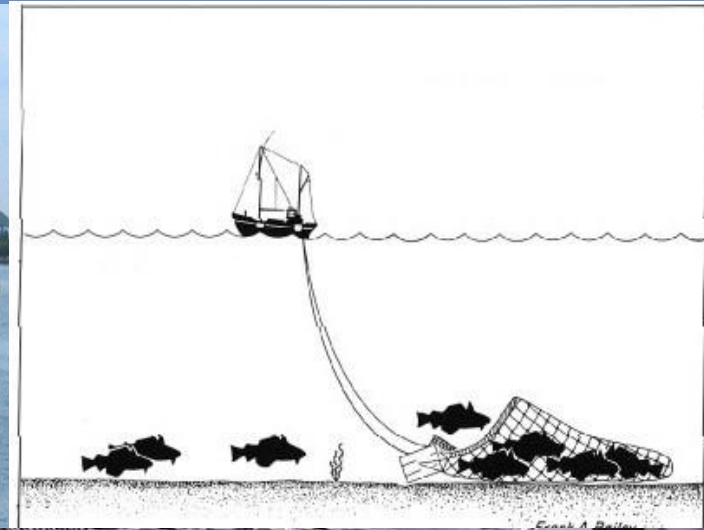


The Advent of Industrial Fishing

The Grand Banks Example

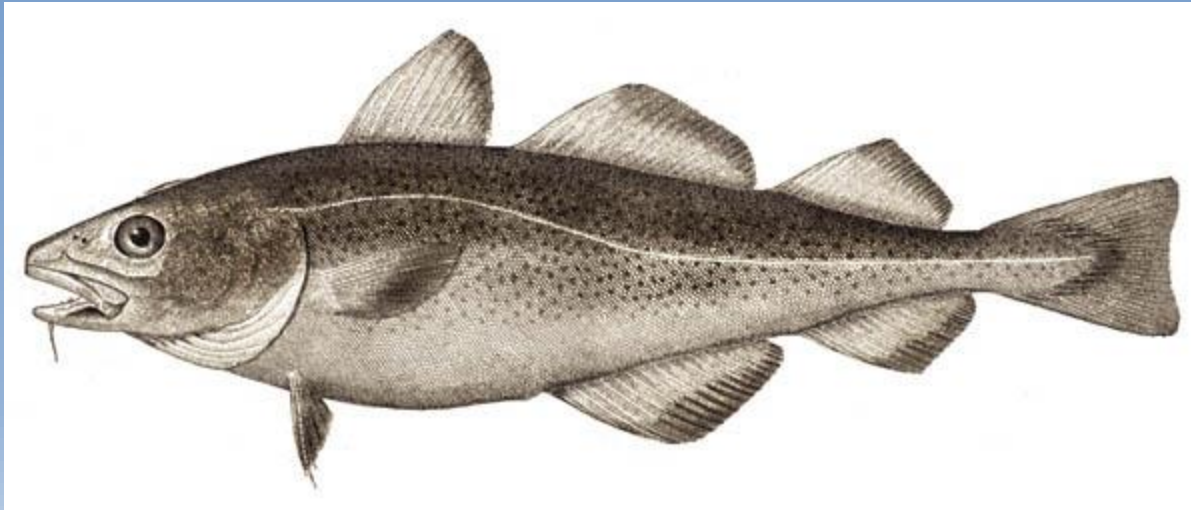


New Technology and Bigger Boats



Will the Atlantic Cod Ever Return?

Maybe not...



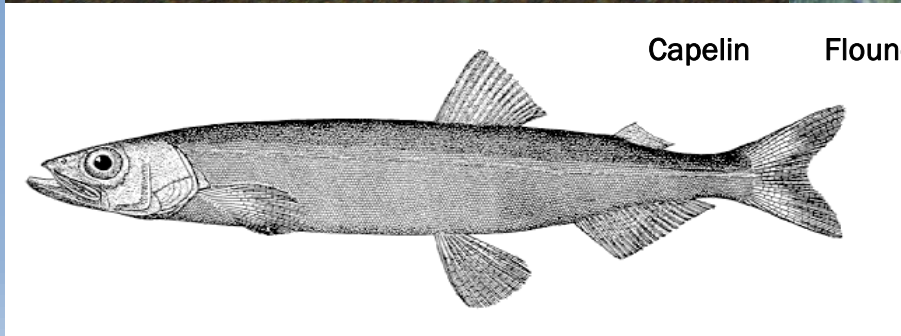
The Competition



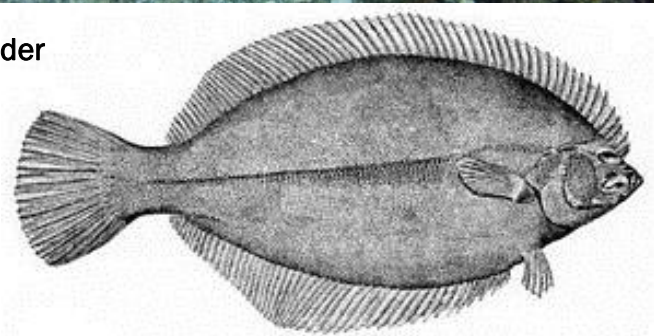
Haddock



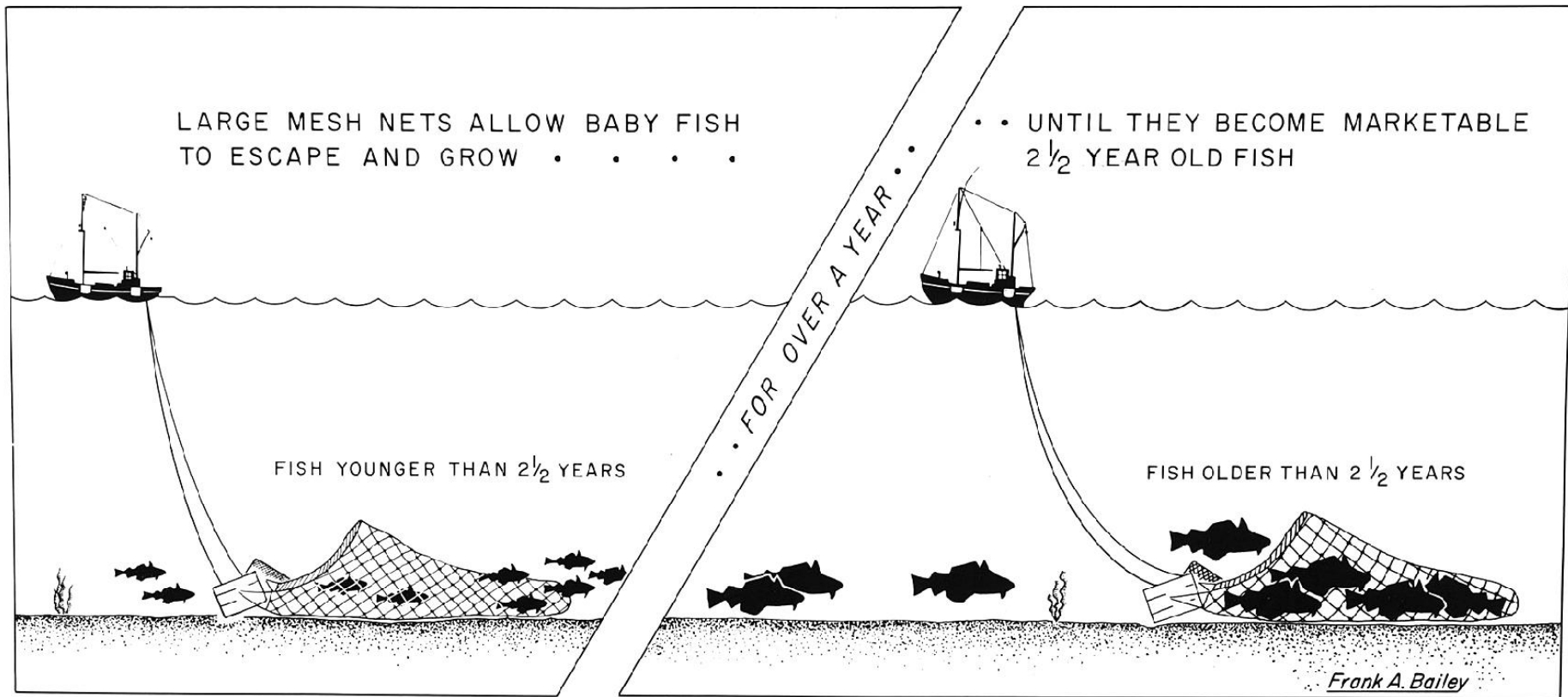
Grouper

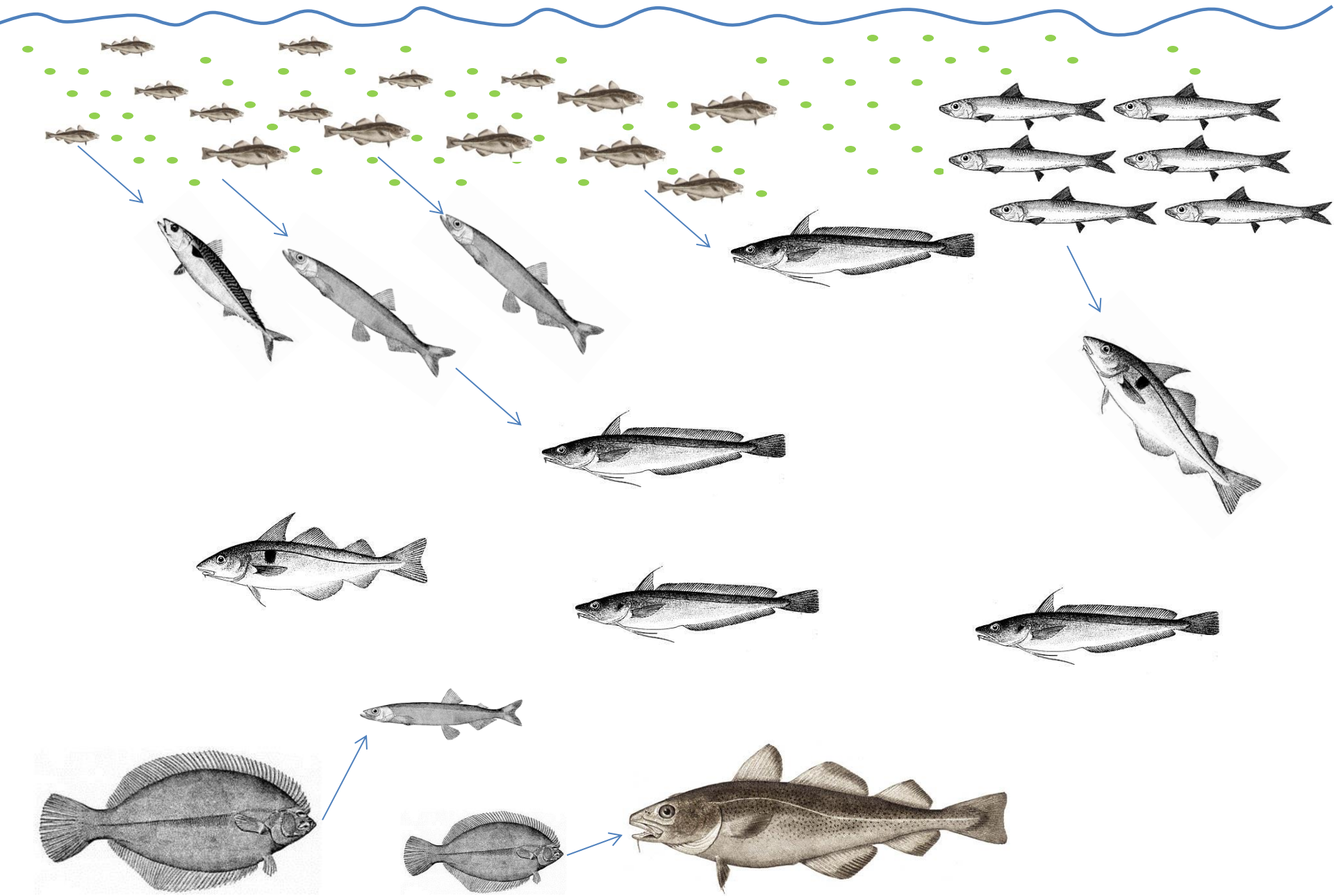


Capelin



Flounder





Shrinking Salmon Stock

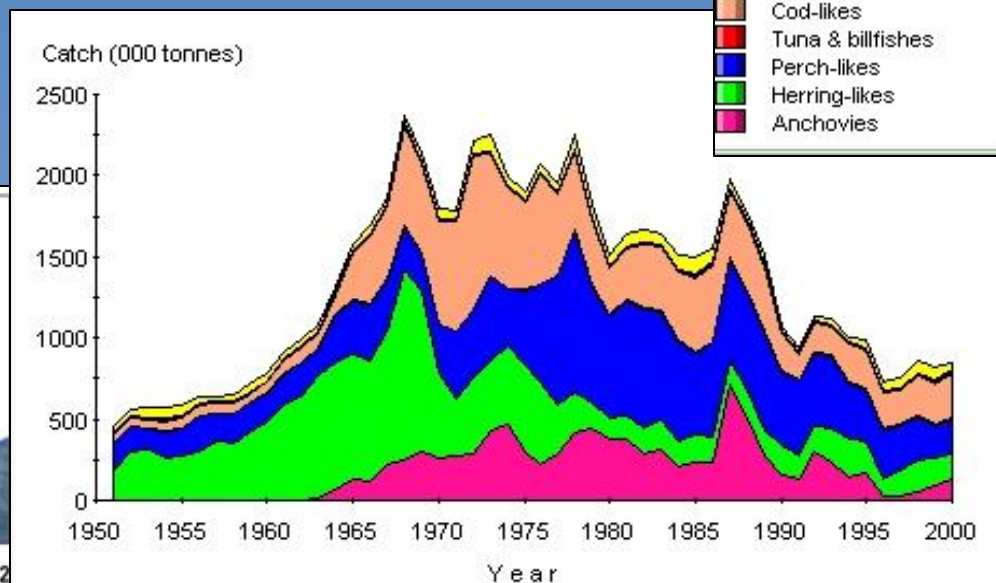
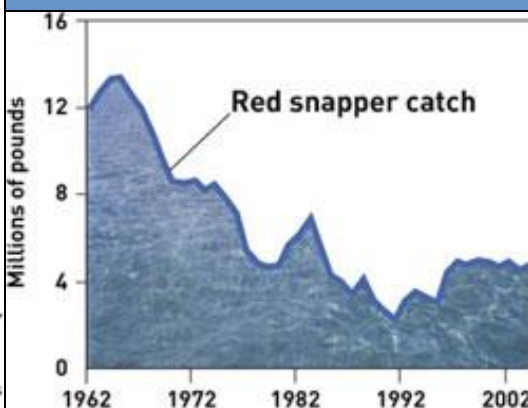
A low stock of the fall Chinook salmon in the Sacramento River has prompted federal officials to consider closing the Pacific salmon fishery this year.

SPAWNING OF FALL CHINOOK IN THE SACRAMENTO RIVER BASIN

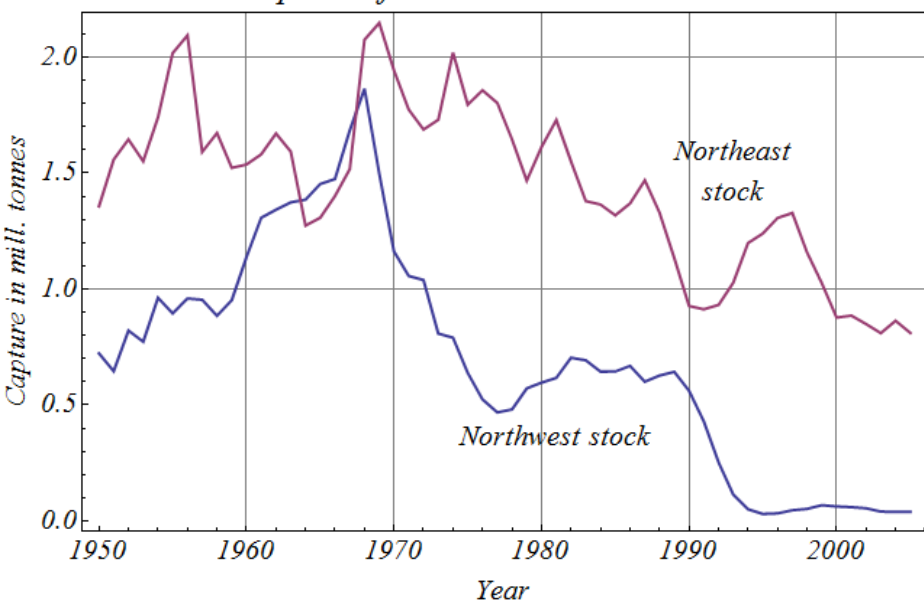


Source: Pacific Fishery Management Council THE NEW YORK TIMES

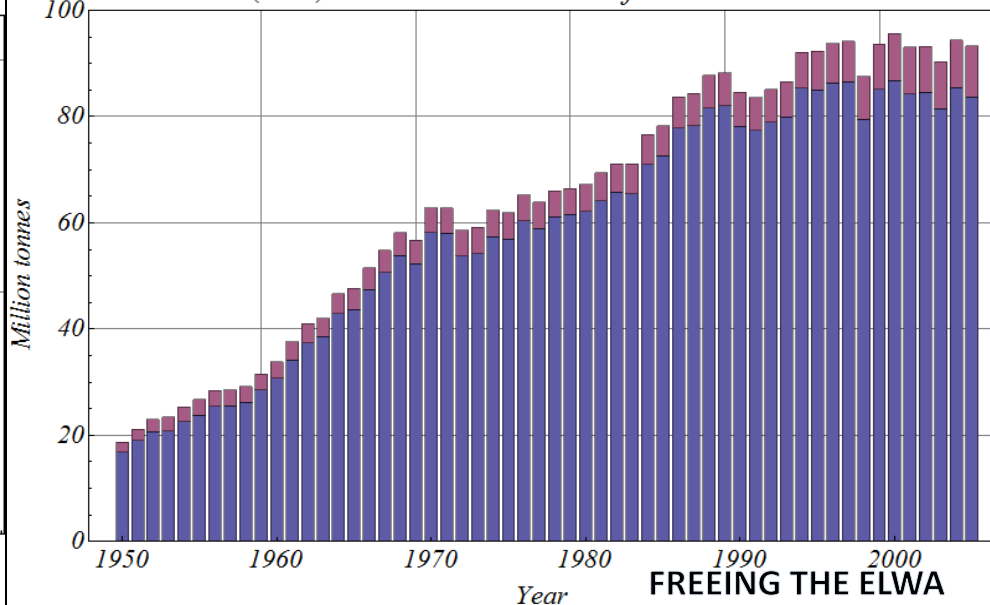
Fisheries Collapses



Capture of Atlantic Cod 1950–2005

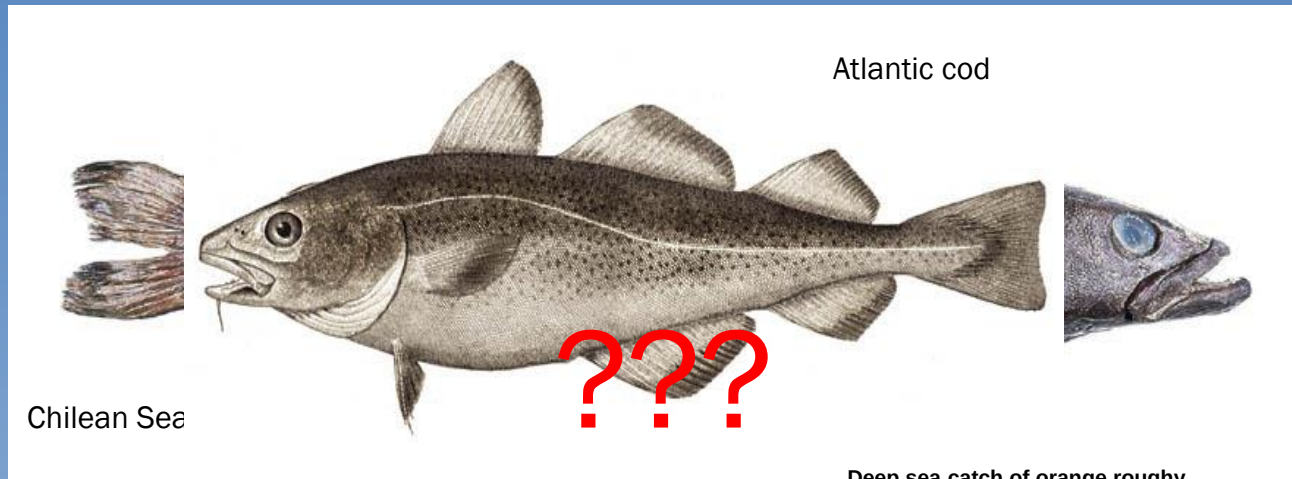


Marine (blue) and inland water wildfish catches 1950–2005



FREEING THE ELWA

Each Fish Species Collapses



Deep sea catch of orange roughy
(Photo by Stephen McGowan courtesy Marine Photobank)



This project was made possible in part by a grant from
Washington's National Park Fund.

